

Vehicle

- String color
- MakeAndModel makeAndModel
- LicensePlate licensePlate
- Integer currentVelocity
- Integer lowerVelocity
- Integer upperVelocity

Inaccurate Date Exception

<<Invalid Date Exception??

Invalid Acceleration Exception

<<Invalid Acceleration Exception??

Invalid Deceleration Exception

<<Invalid Deceleration Exception??

Invalid Direction Exception

<<Invalid Direction Exception??

Out of Bounds Exception

<<Out of Bounds Exception??

SpeedFactor

- Integer value

- Integer lowBound

- Integer highBound

- SpeedFactorType speedFactorType

- SpeedFactorType direction

- SpeedFactorType acceleration

- SpeedFactorType deceleration

- SpeedFactorType direction

- SpeedFactorType acceleration

- SpeedFactorType deceleration

- SpeedFactorType direction

- SpeedFactorType acceleration

- SpeedFactorType deceleration

- SpeedFactorType direction

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- SpeedFactorType deceleration

- SpeedFactorType direction

Interface

I-Vehicle

+ Vehicle vehicleAccelerate

+ Vehicle vehicleDecelerate

+ Vehicle Direction Change

LicensePlate

- String licensePlate

- String state

- Date date

<<LicensePlate??

+ String getLicensePlateNo

+ String getState

+ Date getDate

+ boolean equals

+ int hashCode

+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

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+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

Date

- String month

- String year

<<Date??

+ String getMonth

+ Integer getYear

+ Boolean equals

+ int hashCode

+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

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+ String toString

+ String toString

Enumeration

VehicleTypes

MOTORCYCLE

AUTOMOBILE

BUS

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

Enumeration

SpeedFactorType

Acceleration

Deceleration

Deceleration

Deceleration

Deceleration

Deceleration

Deceleration

Deceleration

Deceleration

Deceleration

Deceleration

Enumeration

Direction

Northbound

Southbound

Eastbound

Westbound

Westbound

Westbound

Westbound

Westbound

Westbound

Westbound

MakeAndModel

- String make

- String model

<<MakeAndModel??

+ String getMake

+ String getModel

+ boolean equals

+ int hashCode

+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

+ String toString

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